

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/017403

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C11D7/08, 7/18, 7/32, 17/08, H01L21/304

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C11D1/00-19/00, H01L21/304

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 8-48996 A (Nippon Steel Corp., NSC Electron Corp.), 20 February, 1996 (20.02.96), Claims; Par. Nos. [0021] to [0023]; example 8 (Family: none)	1-5
Y	JP 6-41770 A (Daikin Industries, Ltd.), 15 February, 1994 (15.02.94), Claims; Par. No. [0001]; examples (Family: none)	1-5
Y	JP 7-115077 A (Nippon Steel Corp., NSC Electron Corp.), 02 May, 1995 (02.05.95), Claims; Par. Nos. [0021] to [0023]; example 13 & EP 649168 A2 & US 5560857 A	1-5

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
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 "P" document published prior to the international filing date but later than the priority date claimed

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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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 "&" document member of the same patent family

Date of the actual completion of the international search
14 February, 2005 (14.02.05)

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Name and mailing address of the ISA/
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-44161 A (Kao Corp.), 16 February, 2001 (16.02.01), Claims; Par. Nos. [0001], [0011], [0018]; examples (Family: none)	1-5
Y	JP 7-45600 A (Hitachi, Ltd.), 14 February, 1995 (14.02.95), Claims; Par. Nos. [0001], [0010] to [0011], [0017]; examples & CN 1091859 A	1-5
Y	JP 6-84866 A (Hitachi, Ltd.), 25 March, 1994 (25.03.94), Claims; examples [0008] to [0020]; examples (Family: none)	1-5
A	WO 97/18582 A1 (Daikin Industries, Ltd.), 22 May, 1997 (22.05.97), Claims; examples & EP 871209 A1 & US 6068788 A	1-5
A	JP 7-216392 A (Daikin Industries, Ltd.), 15 August, 1995 (15.08.95), Claims; examples & WO 95/20642 A1 & EP 742282 A1 & US 5763375 A	1-5